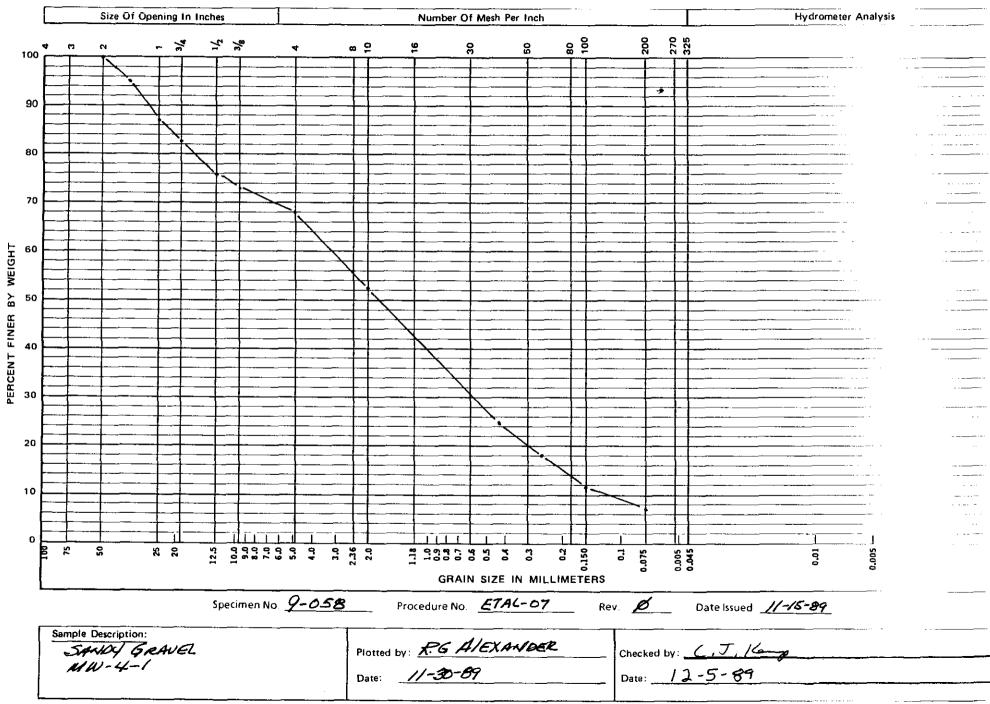
TEST REQUEST FORM

LIMIL

		• :
est Requested	No. of Samples	Test Lab Information (Instruction Used)
MOISTURE		ETAL-14
SIEVE ALJALYSIS		ETAL- 07
HYDROMETER		ETAL-07 (AS REQUIRED)
N/A	N/A	ne/A



Ì	SIEVE ANALYSIS DATA SHEET										
	Sample ID 9-058 Page / of /										
		Tes	ted	By_	?6 Alexa	4~	oee d	ate_	11-29	-89	
		Pro	oced	ure <u>£</u>	TAL-07 I	Rev	7 <u>4</u> D	ate :	[ssued <u>/</u>	1-15-89	
	EQUIPMENT ITEM CALIBRATION NO. DATE DUE Balance 3304 /2-28-89 Thermometer 0006 2-6-90										
N/A N/A											
Sa	mpl	e Desc	ript	ion_ <u>~</u>	SANDY GA	ąυ	ØL_	_ 5	Sieve Tir	ne <u>/o</u> (r	nin)
		reduced	by	X 4	plitting	Ż	quartering		□ stockp	ile	
	BEF	(B) ORE TE	EST	WT. <u>*/</u>	A AFTER T	res	(A) ST WT. <u>M/A</u>	B-A	X 100 = 4	% Loss	
Sieve		Sieve Size	1	nple ght	Cumulative Retained (g)	- 1	% Retained	1	ulative %	Cumulative 7	% Pass
N/	A	1/2	52	76.91	279.17	7	5.3		5.3	94.7	94.7
		l			688.2		13.0		/3.0	87.0	87.0
		3/4			924.6	2	17.5		17.5	82.5	8Z.5
		1/2			1275.90	,	24.1	é	24.1	75.9	75.9
		3/8			1441.70	,	27.2	ú	7.2	72.8	72.8
		#4	Y	7	1695.01	_	<i>32.0</i>		32.0	68.0	68.0
		#10	529	6.91	2524.6	3	47.7	4	7.7	52.3	52.3
		# 110	130	6.22	72.61		53.3	5	3.3	46.7	24.4
		#60			89.36		65.G	6	5.6	34.4	18.0
		# 100			105.43		77.4	7	7.4	22.6	11.8
<u> </u>		# 200	,	7	118.47		03.3	of the	23 N. 30	13.000	6.8
N/A	4	PAN	13	6.72	NIA		NA	4	I/A	N/A	NA
		Finess M	dodu!	les (FM) N/A	_ (See ASTM C 1	36-83	, Section	8.2)	
MAT	rerl	ALS FIN	٧ER	THAN	NO. 200 S	IEV	E BY WASH	ING			,
C=Pe	rcen	tage of i	Mater	ial Pas	sing a 200 Si	ieve	1/12%		Remark		
D=Or	igina	l Dry We	ight	of San	nple		N/A g		WASI	+ FINE GR	ADING
E=Dr	y Wel		_		r Drying		N/A E	-			
		C = <	<u> </u>			·· · · · · ·					
							COMPLETE				3T
		ecked				US	SED CALIBRA	ATED		ments 12-5-89	
<u> </u>										-6400-204(2-67)	



SOIL MOISTURE DATA SHEET

PROCEDURE NO. *E144-14* REV. NO. *B*

THERMOMETER NO. 0006 CALIBRATION DUE DATE 2-6-90

SAMPLE NO.	WET WT. + CAN	DRY WT. + CAN	CAN WT.	WET WT. SOIL	DRY WT. SOIL	% WATER
9-058	2218.70	2181.38	311.39	1907.31	1869.99	2.00
					/	
		/				

			· · · · · · · · · · · · · · · · · · ·			
			ļ 			

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND TEST PROCEDURES FOLLOWED TO PRODUCE THE ABOVE DATA

TEST OPERATOR: R.G. ALEXANDER

659

DATE 11-30-89

W	Westinghouse Hanford Company				
	Hanford	Company			

1.1

~

CHAIN OF CUSTODY

Company Contact: JW Lindber		Telephone <u>6</u>	
Sample Collected by: Lindberg/Co	nsort/Miller	Date: 11/9/89- 11/20	189 Time: Variable
1 /	1100-EM-1 C		
Ice Chest No.: WA			WHC-N-306-3 pages 1-6
Remarks: <u>MW-4-4</u> already for filter pack and w	sent for qu	ick-turn-around :	
Bill of Lading No.: NA	Off S	ite Property No.:	<u>A</u>
Method of Shipment: Hand Carr		<u> </u>	
Shipped to: Jerry Alexander	c, 2101-MBI	da Physical Tes	ting Lab
11 1 1 1 1 1 1	Sample Identific	ation	σ
	95		
MW-4-2 plastic ba	_		
MW-4-5 plastic bo	<u> </u>		
MU-4-6 plastic ba	.95 -		
MW-4-7 plastic b	<u>ags</u>		
	<u> </u>		
CHAIN OF POSSESSION			
Relinquished by: // JwLindberg	Received by:	d.	Date/Time:
June verey -	K. G. Huja	nde	11/28/89 3:30
Refinquished by:	Received by:		Date/Time:
Relinquished by:	Received by:		Date/Time:
Relinquished by:	Received by:	PE	Date/Time:
			FVR\071889-

SAMPLING ANALYSIS REQUEST

Part I: Fi	eld Section	n				· ·		
Collector 1	indberg/Cong	ort/Mill	er_ D	ate Sam	p1ed <u>[]-</u>	-9-89 tin	e <u>Vara</u>	Le hours
Affiliation	of Sample	- WHO	and	Golder	·			
Address								
	питрег	street	1	cit	у	stat	:e	zip
Telephone <u>(</u>) 6-50	05	Company	y Conta	<u> الس</u>	Lindberg		
LABORATORY SAMPLE NUMBER		CTOR'S E NO.	TYPE (F]	IELD INFOR	MATION*	·
	MW-4	1-1	plastic	bag	moistur	re and	Sieve/	Hudrom
	MU)-4	1-2-	<i>r</i> — <u>/</u>	11		ιί	11	<u> </u>
		4-3	11	,	11	I	ľ(.1
						·/ Hydra		
Analysis Rec	quested Mi Ked in	bisture (Content	5, 5,è	ve/Hydroi	meter An		
Special Hand	iling and/o	r Storage						
PART II: LA	BORATORY S	ECTION**						
Received by Analysis Req	•	lan de		Titl	e <u>Aov E4</u>	<u> </u>	Date <u>//-</u>	28-89
* Indicate w						to eamole	locati	<u></u>

Figure 9-19. Example of hazardous waste sample analysis sheet.

NIME - 70

Revision 0 Date September 1986

RADIATION RELEASE	RADIATION RELEASE
11 05 09	Bldg. Med 4 drilling site Date 11-21-89
	Rolared By Rich Brugares
Operational Health Physics	Operational Health Physics
Remarks MW-4-	
54-3000-022 (09/88)	- Set to 100 K Lab. FE SALLET S OR - 34-2000-022 (09/8
34-3000 022 (03-05)	
RADIATION RELEASE	RADIATION RELEASE
	BLDG. DATE
Bldg. // 0 0 000 Date //-/0-89	RELEASED BY RADIATION CO. DRING
Released By Operational Health Physics	REMARKS:
Remarks < D / eagle)	May La
<u>MW-4-2°</u>	
54-3000-022 (09/88)	549000022 (5 57)
RADIATION RELEASE	RADIATION RELEASE
BLDG. 1160-Area DATE 11-15-89	BLOG MW-6
.21	7
RELEASED BY PADIATION MONITORING	RELEASED BY RADIATION MO
REMARKS: MW-4-3	REMARKS:
	- $ -$
54-3000-022 (667)	54-3000-022 (5 - 57)
20 C - W	
RADIATION RELEASE MW-4	RADIATION RELEASE
Bldg. MW-4 drilling site Date 11-21-89	Bldg. MW 6 2 11-21-89
Reseased By Rich Bumgarns Operational Health Physics	Released By C.D. July Complete Operational Health Physics
Remarks Than Detectable	Remarks < potectable SANGle # mw6-4
sample sent to the hab 11-20-19/1 W-4	(Two) more (1) MW-6-4A
Results. OK MW-154-3000p22 (09/88)	54-3000-022 (09/88)
	D.A.D. 4.0.000
	Prilling Principle
	Bldg. MW Cile Date 11-21-17
	Released By C. D. Fullylon Operational Health Physics
	Remarks - Pose table on sample +
	mw 6-4 MW 10-45
Ĺ	3000-022 (09/04)

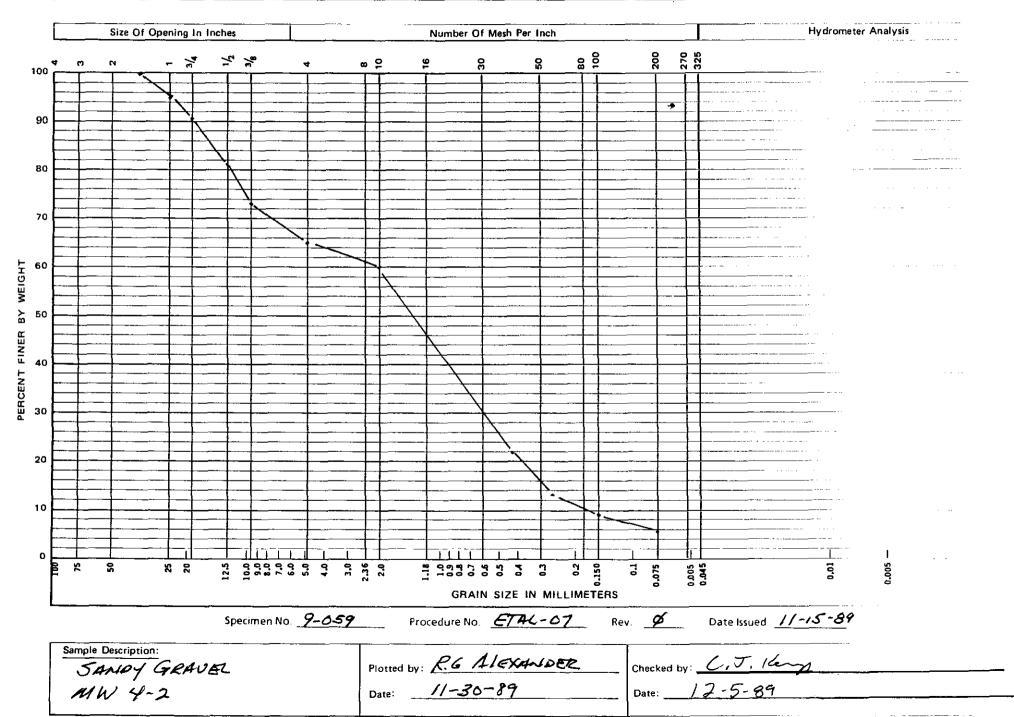
TEST REQUEST FORM

Sample/Specimen No	9-059	Cost Code/Work Order No. <u>ED 332</u>
Requested By: Org	1. <u>80232</u>	Person J. LANDBERG Date 11-29-89
Test Requested	No. of Samples	Test Lab Information (Instruction Used)
MOISTURE		ETAL-14
SHOVE AMAULSIS		ETAL - 67
LAY DEGMETER		ETAL - 07 (AS REQUIRED)
NA	NA	MA
	•	
Domante FLED SAM		not in PC Algradiant with a Co
Remarks <u>FIELD SAM</u> MW-4-2	, , , , , , , , , , , , , , , , , , , 	Received By: R.G. Alexander Date 11-28-8, Approved By: R.G. Alexander Date 11-29-89

SIEVE ANALYSIS DATA SHEET									
·	Sample ID								
	Tes	ited By_/	P.G AIEXA	WDER D	ate //-30-	89			
	Pro	cedure_	ate Issued <u>//</u>	1-15-89					
EQUIPMENT ITEM CALIBRATION NO. DATE DUE Balance 3304 /2-38-89 Thermometer 0006 2-6-90 N/A N/A N/A									
Sampl	Sample Description SANOY GRAVEL Sieve Time 10 (min)								
			plitting				<u></u>		
BEF	ORE TE	est wt. <u>~</u> /	A AFTER TE	ST WT. N/A	$\frac{B-A}{B}X 100 = A$	√A % Loss	·		
Sleve ID Number	Sieve Size	Sample Weight	Cumulative Wt. Retained (g)	% Retained	Cumulative % Retained	Cumulative % Pass	% Pass		
N/A	11/2	5453.63	Ø	Ø	Ø	100	100		
	1	1	284.55	5.2	5,8	94.8	94.8		
	3/4		510.75	9.4	9.4	90.6	90.6		
	1/2		1050.80	19.3	19.3	80.7	80.7		
	3/8		1462.61	24,8	26.8	73.2	73.2		
	#4	V	1918.28	35.2	<i>35,</i> a	64.8	64.8		
	#10	5453.63	21.94.19	40.2	40.2	59.8	59.8		
	#40	121.74	79.28	45.1	65.1	34.9	20.9		
	#60		95,22	78.2	78.2	21.8	13.0		
	#100		103.60	85, 1	85.1	14.9	8.9		
4	#200	4	109.98	90.3	90.3	9.7	5, 8		
NIA	PAN	121.74	N/A	NIA	N/A	N/A	N/A		
-	Finess l	Modules (FM	1) _ N/A	(See ASTM C 1	36-83, Section		I		
MATERI	ALS FI	NER THAN	NO. 200 SIE	VE BY WASE	IING	 			
C=Percen	tage of	Material Pa	ssing a 200 Siev	e N/4%	Remark				
D=Origina	al Dry We	eight of Sar	mple	N/A g	WASH	FINE GRAD	NG		
E=Dry We	_	Sample Afte		N/4 g					
		(D-E)/D> X							
OI	PERATO		CURATELY ANI AINED AND U		ATED INSTRU				
						-6400-204(2-87)			

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9 2 4 2 4 3



SOIL MOISTURE DATA SHEET

PROCEDURE NO. <u>F74L-14</u> REV. NO. <u>Ø</u>

THERMOMETER NO. 2006 CALIBRATION DUE DATE 2-6-96

SAMPLE NO.	WET WT. + CAN	DRY WT. + CAN	CAN WT.	WET WT. SOIL	DRY WT. SOIL	% WATEI
9-059	1963.56	1915.49	311.48	1452.08	1604.01	3.00
						
				_		
/		Ì				_

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND TEST PROCEDURES FOLLOWED TO PRODUCE THE ABOVE DATA

TEST OPERATOR: R.G. ALEXANOER

DATE 11-30-89

	Westingh Hanford	ouse Company
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1 600

- CHAIN OF CUSTODY

Company Contact: JW Lindberr	۹	Telephone	6-5005
Sample Collected by: Lindberg/Co.	nsort/M	iller Date: 11/9/89-11	/20/89 Time: Variable
Sample Locations: $MW-4^{-1}$,	,	,
Ice Chest No.:		_ Field Logbook & Page N	WHC-N-306-3 No.: pages 1-6
Remarks: MW-4-4 already	sent to	ir quick-turn-aroun	d siève analysis
for filter pack and w	ell sere	en selection	
Bill of Lading No.: NA		_ Off Site Property No.:	N/A
Method of Shipment: Hand Carr	·y		
Shipped to: Jerry Alexander	<u>, 2101-</u>	MBldg, Physical	Testing Lab
	Sample I	dentification	σ
MW-H-1 plastic ba	J		
MW-4-2 plastic bar	,		
S 1	95		
MW-4-5 plastic bo	195		
MW-4-6 plastic ba	_		
MW-4-7 plastic b	<u>a95</u>		
			
			
CHAIN OF POSSESSION			
Relinquished by: // Jwl indberg	Received 1	by://	Date/Time:
The where	RG	flefande	11/28/89 3:30
(Refinquished by:	Received 1	by:	Date/Time:
Relinquished by:	Received b	by:	Date/Time:
Relinquished by:	Received b	oy:	Date/Time:
			FVR\071889-1

SAMPLING ANALYSIS REQUEST

Collector \underline{L} Affiliation	ndberg/Consort/Mi	Her Date Sa HC and Golde	mpled <u>11-9</u> 11-16	-89 to Time <u>Vari</u>	uble hours
Address					<u></u>
1	number stree	t: , ci	ty	state	zip
Telephone (16-5005	Company Cont	act <u>JWL</u>	ndberg	···
LABORATORY SAMPLE NUMBER	COLLECTOR'S SAMPLE NO.	TYPE OF SAMPLE*		_D INFORMATION*	/
	$m\omega$ -4-1	plastic bag	moisture	and Sieve	Hydrow
	MW-4-2	- f1 t1	11	tt jt	ĸ
	mW - 4 - 3	17 11	- 11	IV j	41
	m41-4-5	11 11	siève/	Hydrom A	na
	ested Moisture ed in Field	/	, ,	i i	<u>as</u>
Special Handl	ing and/or Store				
PART II: LAB	ORATORY SECTION*	*		:	,
Received by <u>x</u> Analysis Requ	P.G. Alexande ired	Tit	le <u>Aou Eug</u>	Date <u>//</u>	- 28-89
* Indicate who **Use back of	ether sample is page for additi	soil, sludge, e onal informatio	tc. n relative to	sample locat	ion.

Figure 9-19. Example of hazardous waste sample analysis sheet.

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Revision 0 Date <u>Septemper 1986</u>

RADIATION RELEASE	RADIATION RELEASE
	Bldg. Med 4 drilling site Date 11-21-88
11 - 0	Released By Rich Brugarner
Operational Health Physics	Operational Health Physics Remarks _ Than detectable - Sample (11-2)
Remarks WW-4-	. L L MAK LAB restarLts OK
54-3000-022 (09/88)	MW-4-300-022 (09/88)
	RADIATION RELEASE
RADIATION RELEASE	BLDG DATE DATE
Bldg. // 00 000, Date 1/-10-89	
Released By Operational Health Physics	RELEASED BY RADIATION TO PRING
Remarks $\leq \mathcal{D}$. $ \mathcal{D} \sim 200000000000000000000000000000000000$	REMARKS:
MW-4-2	
54-3000-022 (09/88)	543000022 (5 57)
RADIATION RELEASE	RADIATION RELEASE
BLDG. 1160-Aren DATE 11-15-89	BLDG MW-6
BLOG. THOU PIECE DATE 11-13-1	DATE LE
RELEASED BY RADIATION MONITORING	RELEASED BY RADIATION MO
REMARKS: MW-4-3	REMARKS:
	- $ -$
54-3000-022 (6-57)	54-3000-022 (5 - 57)
m 11-4	
RADIATION RELEASE MW-4	RADIATION RELEASE
Bldg. MW-4 drilling side Date 11-21-19	Bidg. MW 6 v. L. Date 11-21-89
Reieased By Kick Bumgorns Operational Health Physics	Released By Operational Health Physics
Remarks - Than Detectable	Remarks < Do tectoble SAMPLE MW6-4
Sample sent to the Lab 11-20-19/1 W-4	(Two) mw 6-5 (+) MW-6-4-A 54-3000-022 (09/88)
hesults: OK MW-1+54-3000 (09/88)	
	RADIATION RELEASE
	Bldg. MW 6 sile Date 11-21-07
	Released By C. D. Filmen
	Remarks - Potentable on SAMPle #
	mw6-4 My 10-413
	3000-022 (99/10)

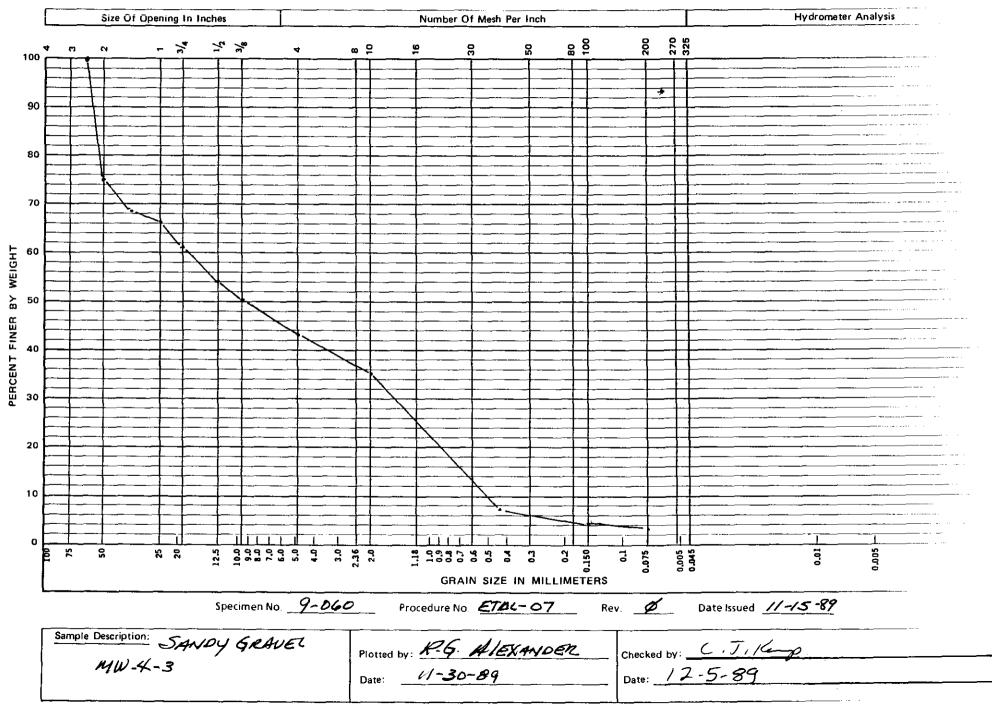
TEST REQUEST FORM

Sample/Specimen No	9-060	Cost Code/Work Order No. ED 332
Requested By: Org	g. <i>86232</i>	Person J. (110 BERG Date 11-29-89
Test Requested	No. of Samples	Test Lab Information (Instruction Used)
MOISTURE		ETAL-14
SIEVE ANALYSIS		ETAL - 67
HYDROMETER	1	ETAL-69 (AS REQUIRED)
N/B	NA	N/A
		· · · · · · · · · · · · · · · · · · ·
Remarks FIELD SM	mple	Received By: RG Alexanoes Date 11-28-89
MW-4-3		Approved By: R.G. Alexanoa Date 11-39-89

				5	SIEVE ANA	LYSIS DAT	A SHEE	T		
		Sample	e ID_	7-0	60		Page _		of	
		Tes	ted B	y <i>X</i>	? G Alexa	woer i	ate <u>//-</u>	-30 -	39	
		Pre	cedui	e_ <u></u>	7AL-07 R	ev_ØI	Date Iss	ued <u>/</u>	1-15-89	
		_	EQUIF		NT ITEM CA	ALIBRATION N		ATE D		
		\	Therm		er	0006		2-6-		
		-		/A		N/A		NIA		
Se	mpl	e Desc	riptio	n_ <u>ح</u>	YANDY GRAI	IEL	— Sie	ve Tir	ne <u>/O</u> (1	min)
		reduced	by	X s	plitting	🕱 quartering		stockp	lle	
	BEF	(B) ORE TE	EST WI	· <i>M/</i>	4 AFTER T	(A) EST WT.	B-A X 10	00 = <u>4</u>	√A % LOSS	!
Siev		Sieve Size	Samp Weigh		Cumulative W Retained (g)	7t. % Retained	Cumula Retai		Cumulative :	% Pass
N	'A	2"	5/12	.73	1270.87	24,9	24.	9	75.1	75.1
		11/2	ı		1610.89	31.5	3/		48.5	68.5
		1			1734.2		33,		66.1	66.1
		3/4			2003,5		39.8		40.8	66.8
		1/2		_	2353,2		46.0		54.0	54.0
		3/8			1 539.90		49,		50.3	50,3
		#4			2905,30		56.		43,2	43.2
		#10	5112.	73	3307.83	64.7	64.	7	35.3	35.3
		# Yo	119.	15	95.29	80.0	80.	0	20.0	7.1
		# 60			104.03	87.3	87	3	12.7	4.5
		# 100	▼		108.28	90.9	90.	9	9.1	3, 2
N/A	<u> </u>	¥ 200	119.12	5	111.66	93.7	93.	7	6.3	2.2
		Finess l	Modules	(FM) <u>4/A</u>	_ (See ASTM C 1	36-83, S€	ection	8.2)	
						EVE BY WASI				
					sing a 200 Si	eve <u>H/4</u> %		emarl	es Sciency	· · · · · · ·
		l Dry We	_		-	/// g			M SIZE	CN XC
E=D:	ry We	_	Sample :(D-E)/I		r Drying	MINE	1	CASH	fine Grao	MG
				-						
						ND COMPLETE USED CALIBR				ST
					1 Kenno	OBED CAUDI			12-5-8°	7

A-8400-204(2-87)

9 2 1 2 1 1 1 1 3 5 5



SOIL MOISTURE DATA SHEET

PROCEDURE NO. <u>ETAL-14</u> REV. NO. <u>\$\mathcal{Y}\$</u>

THERMOMETER NO. 0006 CALIBRATION DUE DATE 2-6-90

SAMPLE NO.	WET WT. + CAN	DRY WT. + CAN	CAN WT.	WET WT. SOIL	DRY WT. SOIL	% WATER
9-060	5531.07	5420.54	307.81	5223.24	5112.73	2.16
					/	
						1
						
						-
		 	\overline{X}			
						
		<u> </u>				
			,	<u></u>		
	ļ					
<u> </u>	ـــــــــــــــــــــــــــــــــــــ					

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND TEST PROCEDURES FOLLOWED TO PRODUCE THE ABOVE DATA

TEST OPERATOR: R.G. ALEXANORC

DATE 1/-30-89

Westingh	iouse
Hanford	Company

CHAIN OF CUSTODY

Company Contact: JW Lindberg		_Telephone	-5005
Sample Collected by: Lindberg/Consort			
Sample Locations: MW-4 1100-1	,	• •	WHC-N-306-3
Ice Chest No.:	Field Logbool	< & Page No.:→	0ages 1-6
Remarks: <u>MW-4-4</u> already sen for filter pack and well s	t for quick-tu	rn-around s	iève analysis
for filter pack and well s	ereen select	102	/
Bill of Lading No.: NA	Off Site Prop	erty No.: N/	4
Method of Shipment: Hand Carry			
Shipped to: Jerry Alexander, 3	101-MB/dg, F	hysica Tes	ting Lab
	nple Identification		σ
mw-4-1 plastic bags			
Mw-4-2 plastic bags			
Mw-4-3 plastic bags			
MW-4- 5 plastic bags		· 	
MW-4-6 plastic bags			
MW-4-7 plastic bags			
CHAIN OF POSSESSION		·····	
.//	ived by://		Date/Time:
Il Jendberg A.	G Alexander		11/28/89 3:30
	ived by:		Date/Time:
		<u> </u>	
Refinquished by: Rece	ived by:		Date/Time:
Relinquished by: Rece	ived by:		Date/Time:
		·	FVR\071889-E

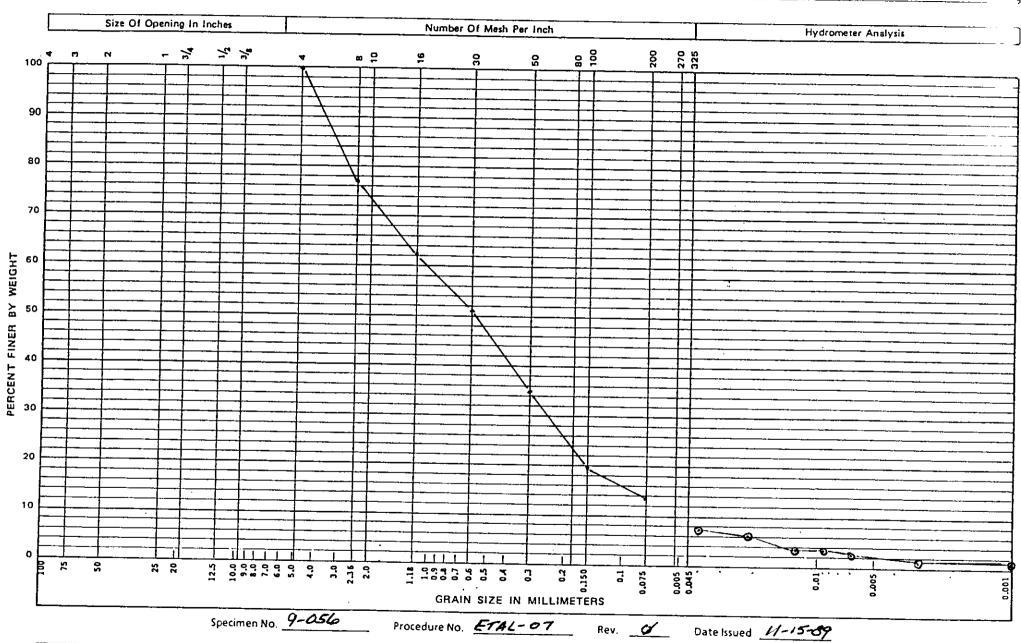
SAMPLING ANALYSIS REQUEST

Part I: Field Section
Collector Lindberg/Consort/Miller Date Sampled 11-9-89 to Time Variable hours
Affiliation of Sampler WHC and Golder
Address
number street city state zip
Telephone () 6-5005 Company Contact UW Lindberg
LABORATORY SAMPLE COLLECTOR'S TYPE OF NUMBER SAMPLE NO. SAMPLE* FIELD INFORMATION**
mw-4-1 plastic bag moisture and Sieve/Hydrom
MW-4-2 11 11 11 11 11 11 11
mw-4-3 11 11 11 11 11
my-45 " 11 Siève/Hydrom Anal
Analysis Requested Moisture Content. Sieve/Hydrometer Analysis as
indicated in field Info** above right.
Trickles in the day of the same of the sam
Special Handling and/or Storage
PART II: LABORATORY SECTION**
Received by R.G. Alexander Title Nov ENG Date 11-28-89
Analysis Required
* Indicate whether sample is soil, sludge, etc. **Use back of page for additional information relative to sample location.

Figure 9-19. Example of hazardous waste sample analysis sheet.

NIME - 70

Revision 0 Date September 1986



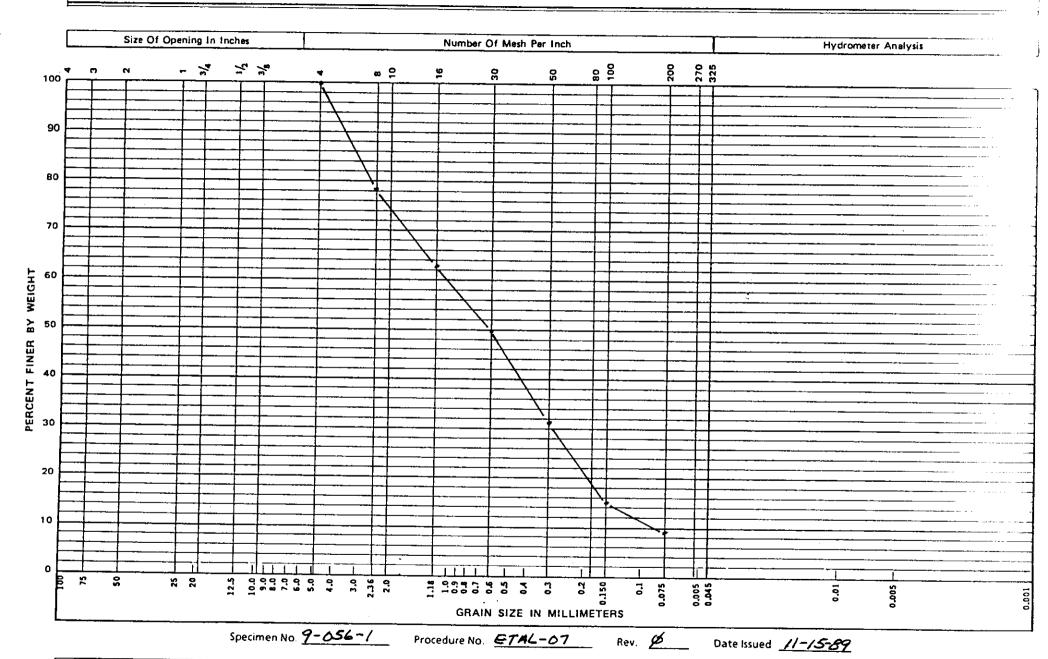
Sample Description: SANOY GRAVEL 30% = 0.25 mm

Plotted by: R-6 A/EXANDER Checked by: C.J./C.D. 10 Rugger

Date: 11-16-89 Date: 11-16-89 Hy [qu

TEST REQUEST FORM

Sample/Specimen No. 9-0-	56 Cos	Cost Code/Work Order No. 42332			
Requested By: Org. <u>Boa</u>	82 Per	rson J. LINDBERG	Date		
	. of		Information action Used)		
SIEVE ANALYSIS	/	RUN WASH	SIEVE		
N/A	<u> </u>	MA			
	•				
Remarks SAMPLE MW-4	- 4 Rec	ceived By: R.G Ale	Date 11-16-8		
WE ETAL-07		-	XANDEX Date 11-16-89		



Sample Description:

SANDY GRAVEL 30%= 0.3 MM

MW-4-4 #4 = 56.0 %

DRY SIEVE - 4 = 440 %

M Plotted by: <u>R.6 A/EXANDER</u>

Date: <u>1/-/6-89</u>

Checked by: C.J. Key

Date: 11-16-89

Specimen/Sample No. 9-0:	56	Page1 of1
est Operator R.G. Alex	ANDER	
EQUIPMENTITEM	_NO.	DATE DUE
Balance	3304	6-25-90
Oven Thermometer	0007 -	8-16-90
Thermometer	000 Z	2-9-91
Pycnometer	2564	N/A

1 2 3 **DETERMINATION NO.** N/A **Drying Container No.** N/A A/N Wt. Container + Oven Dry Soil, ± 0.01g Wt. Container, ± 0.01g W_o Wt. Oven Dry Soil, g 40.00 2554 Pycnometer No. 135 72 Wt. Pycnometer, g 387.09 W, Wt. Pycnometer + Wetting Agent, g 412 43 Wt. Pycnometer + Wetting Agent + Soil, g Wb Temperature, T_x at W_b, *C 25.1 . 1.00 G, Specific Gravity of Wetting Agent at Tx 2.13 $\mathbf{G}_{\mathbf{t}}$ Specific Gravity of Soil at T_x 2.73 Specific Gravity of Soil at 20°C

$$G_t = \frac{G_{w*}Y_{w*}W_o}{W_o + (W_o - W_h)}$$

y = Unit Weight Of Water (g/cc)

*G, = K.G,

K values found in ASTM D854-58, Table 1

*MOTE G_s = G_t When Test Run at 20 °c

Average Specific Gravity At 20°c 2.73

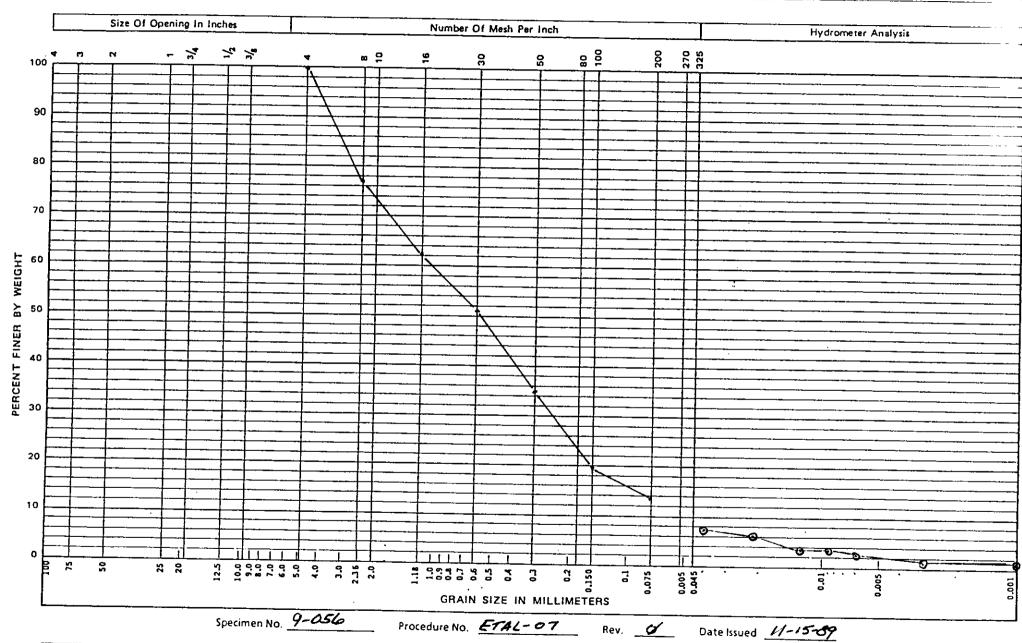
ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORD	ED. THE TEST OPERATOR WAS APPROPRIATELY
TRAINED AND UTILIZED CALIBRATED TEST INSTRUMENTS AS INDICA	TED ABOVE. APPROVED TEST PROCEDURES
WERE FOLLOWED TO PRODUCE THE ABOVE DATA.	

Checked by LR Bring german

Date 4/12/90

			SIEVE ANAL	YSIS DATA	SHEET			
	Sample	e ID 9-0		1010 1111	Page _/_	of /		
				IDER I				
Tested By R. G. A/EXANDER Date //-/6-89								
Procedure ETAL-07 Rev Date Issued 1/-15-89								
	.		NT ITEM CAL	IBRATION N	O. DATE D	UE		
	-	Balance Thermome	t an	<u> 3304</u>	12-20 2-6 N/	97		
	-	N/A	J. CEI	0001 N/A		<u>A</u>		
	<u></u>		11 10					
Sampl	le Desc	ription <u>M</u>	W-4-4 5	andy Grav	Sieve Tir	ne/O(r	nin)	
	reduced	by 🔰 s	plitting }		□ stockp	ile		
BEF	(B) ORE TE	est wt.409	? 93 AFTER TE	(A) ST WT. <u>4/A</u>	$\frac{B-A}{B}X 100 = -$	<u>4/4</u> % LOSS		
Sieve ID	Sieve	Sample	Cumulative Wt.	% Retained	Cumulative %	Cumulative 2	% Pass	
Number	Size	Weight	Retained (g)		Retained	Pass		
N/A		609.93						
1		l						
	1		*	1	y		1	
	#4		ø	Ø	ø	100	100	
	# 8		140.21	23.0	23.0	77.0	77.0	
	#16		230.46	37.8	37.8	62.2	62.2	
	#30		299.05	49.0	49.0	51.0	51.0	
<u> </u>	#50		397.06	65,1	65,1	34.9	34.9	
	#100		490.68	80.4	80.4	19.6	19.6	
	±200	\	526.14	86.3	86.3	13.7	13.7	
4	PAN	609.93	N/A	NIA	N/A	N/A	N/4	
	Finess I	Modules (FM) <u>N/A</u>	See ASTM C 1	36-83, Section	8.2)	· 	
MATERI	ALS FIN	VER THAN	NO. 200 SIE	VE BY WASF				
C≔Percen	tage of l	Material Pas	sing a 200 Siev	e <u>N/A</u> %		ks WASHE		
D≔Origina	al Dry We	eight of San	nple	N/A g		ER AND SP E GRADNE LI		
E=Dry We	ight of S	Sample Afte	r Drying	N/A g N/A g		THRU #200 SIE		
	C = <	(D-E)/D> X	100	<u>. </u>	F4=549	6 - 44 = 44 4	'	
			URATELY ANI				ST	
		R WAS TR By <u>く</u> , ブ	AINED AND U	SED CALIBR		MENTS <u>// - 16 -8</u> 9_		
						1-6400-204(2-87)		
						~ ~~~~~~~(#~0/)		

,.../.



Sample Description: SANDY GRAVEL 30% = 0.25 mm

Plotted by: R. G. AIEXANDER Checked by: C. J. Kang. La Surgam.

Date: 11-16-89 Date: 11-16-89 Hy gw

			SIEVE ANAL	YSIS DATA			
	Sampl	e ID <u>9-</u> 6	256-1		Page/	of	
	Тев	eted By <i>K</i>	4 ALEXAND	er d	ate //-/6-8	99	
	Pro	ocedure_ <u></u>	741-07 Rev	v_Ø_ 1	ate Issued <u>/</u>	1-15-89	
		EQUIPME Balance	NT ITEM CAL	ibration n	12-28	9-89	
}		Thermome		0001 N/A	2-6	<u>-90</u>	
		~//					
Samp		_	1W-4-4 SA	-	510,011	me_ <u>10(</u> r	nin)
<u></u>	reduced (B)	iby X s	plitting)	(A)	stockp	olle	
BEF	ORE TE	est wr 5 %	AFTER TES	ST WT <i>544.</i> 79	$\frac{B-A}{B} \times 100 = \pm$	08 % LOSS	.
Sieve ID Number	Sieve Size	Sample Weight	Cumulative Wt. Retained (g)	% Retained	Cumulative % Retained	Cumulative %	% Pass
N/A	1/4	545.22	N/A				
	4		4		4	4	1
	#4		ø	ø	ø	100	100
	#8		118.50	21.7	21.7	78.3	78.3
	#16		203.09	37.2	37.2	62.8	42.8
	#30		273.86	50.2	50.2	49.8	49.8
	#50		375.20	68.8	68.8	3/.2	3/.2
	#100		463.81	85.1	<i>85.1</i>	14.9	14.9
	#200		497.48	91.2	91.2	8,8	8.8
	FAN	545.22	544.79	NA	N/A	N/A	N/A
	Finess l	Modules (FM	() N/A (See ASTM C 1	36-83, Section		
MATERI	ALS FI	VER THAN	NO. 200 SIE	VE BY WASH			
	_		ssing a 200 Siev			ks Dry Sid TER SAMA	
	_	eight of San	_	N/A g		FIYES TO S	
E=Dry We		Sample Afte (D-E)/D> X		M/A g	1/2 Ray		4,0
4.7					/o RE	r # 4 = 56	
			URATELY AND AINED AND U				^{sr}
		Ву				11-16-89	.
						-5400-204(2-57)	

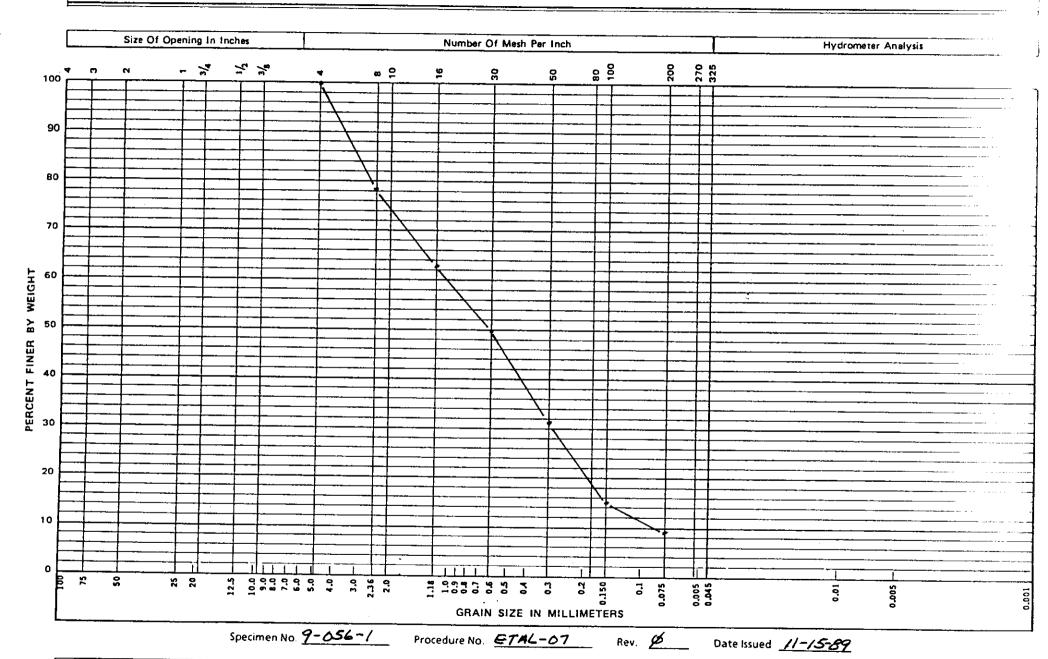
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Sample Description:

SANDY GRAVEL 30%= 0.3 MM

MW-4-4 #4 = 56.0 %

DRY SIEVE - 4 = 440 %

M Plotted by: <u>R.6 A/EXANDER</u>

Date: <u>1/-/6-89</u>

Checked by: C.J. Key

Date: 11-16-89

	···
Westinghouse	
Westinghouse Hanford Company	
CHAIN OF CUSTODY	
Company Contact: Jon Lindberg Telephone	6-5005
Sample Collected by: Russell Vance Rand Miller Date: 11/15/	75 Time: 1/35
Sample Locations: 400-2 Pit, southerst side Mul	1-4 WHC-N-306-
/ .	Wite 10 200 7
Remarks: Sieve Analysis of #4 minus Maz	
and Record grave (+#4) and report a	lso
Method of Shipment: Hand carry	
Sample Identification	
MW-4-4, in plastic bag	
RADIATION RELEASE	
BLDG. 1/100-Prea DATE 11-15-59	
RELEASED BY ADDITION MONITORING	
	·············
64-3000-022 (6—67)	
	. 1
CHAIN OF POSSESSION	
Relinquished by Rand Miller Received by:	, Date/Time:
Whindhere Willey	11/15/89 3:30Pm
Relinquished by: Received by: Rich	Date/Time:
VI Lindberg Sklindberg R. & Alexander	11/16/89/0600
Relinquished by: Received by:	Date/Time:

Received by:

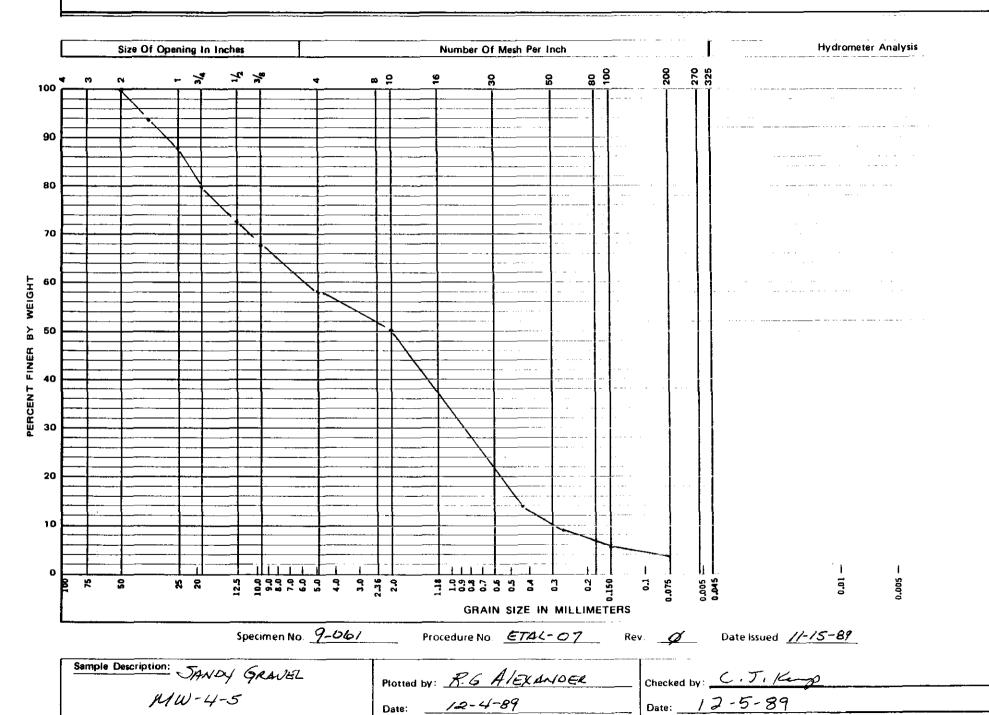
Date/Tîme: $\hat{\theta}$

Relinquished by:

TEST REQUEST FORM

Sample/Specimen No	9-061	Cost Code/Work Order No. ED 332
Requested By: Org	. <u>80232</u>	Person J. LINOBERG Date 11-29-89
Test Requested	No. of Samples	Test Lab Information (Instruction Used)
MOUSTURE	/	ETAL-14
SIEVE ANALYSIS		ETAL-07
HYDROMETER		ETAL-07 (AS REQUIRED)
N/A	NA	NA
<i>N/A</i>	_ <i>N]A</i>	
Remarks FIELD S	AMPLE	Received By: RG Alexanoer Date 11-28-
		Approved By: RG ALEXANDER Date 11-29-

			SIEVE ANAI	YSIS DAT	A SHEET		
	Sampl	e ID <u>9</u> -			Page /	of _/	
	Te	sted By	R.G AlexA	VOER I	ate 12-4-9	9	
		•		~			
	Pr	oceaure <u>c</u>	741-07 Re	v <u></u> I	Date Issued	1-15-89	
		EQUIPME	NT ITEM CAI	IBRATION N	O. DATE D	UE	
		Balance		3304	12.28	-89	
		Thermome W/A		0006 N/A	2-6- N/A	90	
Samp	le Desc	ription	SAMDY GRAVE	7.	- Sieve Tir	ne <u>/o</u> (n	nin)
 	reduced	iby 🖫 :	splitting [▼ quartering	: □ stockp	ile	
BEF	(B) ORE TI	est wt. 🕢	/A AFTER TE	(A) ST WT. <u>~/A</u>	$\frac{B-A}{B}X \ 100 = \Delta$	//A % LOSS	
Sieve ID	Sieve	Sample	Cumulative Wt.	% Retained	Cumulative %	Cumulative %	% Pass
Number	Size	Weight	Retained (g)		Retained	Pass	76 7 433
N/A	2	4981.02	Ø	Ø	Ø	100	100
	11/2	11_	306,77	4.2	6.2	93.8	93.8
	1		621.83	13.5	12.5	875	87.5
	3/4		1014.05	20.4	20.4	79.6	79.6
	1/2		1366.34	27.4	27.4	72.4	72.6
	3/8		1611.96	32.4	32.4	67.4	67.6
	#4	1	2092.85	42.0	42.0	58.0	58.0
	# 10	4981.02	2484.74	49.9	49.9	50.1	50.1
	#40	122.22	88.60	72.5	72.5	27.5	/3, 8
	# 40		100.03	81.8	81.8	18.2	9.1
4	± 100		107, 77	88.Z	88.2	11.8	5.9
	 #2∞	132.22	112.59	92.1	92.1	7. 9	4.0
· · · · · · · · · · · · · · · · · · ·		Modules (FM) <u>N/A</u> (36-83, Section		
MATERI	ALS FI	VER THAN	NO. 200 SIE	VE BY WASH	IING		
			sing a 200 Siev		Remark	· · · · · · · · · · · · · · · · · · ·	
D=Origina	l Dry We	eight of San	aple	N/A g	WASIA	FINE GRA	DING
E=Dry We		Sample Afte		N/A g			
		(D-E)/D> X					
			URATELY AND				т
		$\mathbf{B}\mathbf{y} \subseteq \mathcal{J}$	AINED AND U	SED CALIBR		MENTS <u>/2-5-89</u>	
<u> </u>						-8400-204(2-87)	



SOIL MOISTURE DATA SHEET

PROCEDURE NO. <u>ETAL-14</u> REV. NO. <u>Ø</u>

THERMOMETER NO. <u>0006</u> CALIBRATION DUE DATE <u>2-6-90</u>

SAMPLE NO.	WET WT. + CAN	DRY WT. + CAN	CAN WT.	WET WT. SOIL	DRY WT. SOIL	% WATER
9-061	3888.81	3798.52	538.76	3350.05	3259.76	2,77
				/_/		
				<u> </u>		
		$\overline{}$				
			\times			
	/_					· · · · · · · · · · · · · · · · · · ·
						\
			-			$\overline{}$
/						

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND TEST PROCEDURES FOLLOWED TO PRODUCE THE ABOVE DATA

TEST OPERATOR: R.G. ALEXANDER

DATE 12.4-89

	Westingh Hanford	ouse Company	,
$(\underline{\mathbb{W}})$	Westingh Hanford	ouse Company	,

CHAIN OF CUSTODY

Company Contact: JW Lindber	æ.	Telephone 6	-5005
Sample Collected by: Lindberg/Ca		11/9/89- 11/201	189 Time: Variable
Sample Locations: $MW-4$			
Ice Chest No.:			WHC-N-306-3
Remarks: MW-4-4 already for filter pack and a	sell serven selec	tion	SIEVE ANATYSIS
Bill of Lading No.: NA			/ _A
Method of Shipment: Hand Car		/	
Shipped to: Jerry Alexande		Physica Tec	ting Lab
	Sample Identification		f
MW-4-1 plastic ba	\supset		
MW-4-3 plastic b	J		
MW-4-5 plastic be	295		
MW-4-6 plastic bo	295		
MW-4-7 plastic b	<u>ags</u>	 	
, - 4			
CHAIN OF POSSESSION	Decit 15 4		D 1 /TT
Relinquished by: Jwlindberg	Received by:	-	Date/Time: ///28/89 3/3°
Refinquished by:	Received by:		Date/Time:
Relinquished by:	Received by:		Date/Time:
Relinquished by:	Received by:		Date/Time:
			FVR\071889-I

SAMPLING ANALYSIS REQUEST

	. /	il	• • • • • •		
Collector <u>Lu</u>	ndberg/Consort/PMI	<u>ller</u> Date Sam	npled <u>(1-7-</u> 11-16	-89 to Time <u>Vari</u> -89	ele hours
Affiliation (of Sampler <u>W</u> H	- and Golder	~		
Address					
number street : city state zip Telephone () 6-5005 Company Contact UW Lindberg LABORATORY SAMPLE COLLECTOR'S TYPE OF					
Telephone <u>(</u>) 6-5005	_ Company Conta	ict <u>JWL</u> ,	ndberg	
LABORATORY SAMPLE NUMBER			FIEL	D INFORMATION=	**
	$m\omega-4-1$	plastic bag	moisture	and Sieve/	Hydrom
·	MW-4-2	" " "		il sc	
	mW - 4 - 3	n , 11	11	, 14 A	41
	m41-4-5	11 11	siève/	Hydrom A	nal
		7	, ,	i	as
Special Handl	ing and/or Stora				
PART II: LAB	ORATORY SECTION*	*		:	
Received by A	P.G. Alexande	Tft	le AON ENG	Date <u>//-</u>	- 28-89
Analysis Requ	ired				
* Indicate who **Use back of	ether sample is page for additi	soil, sludge, et onal information	c. relative to	o sample locati	lon.

Figure 9-19. Example of hazardous waste sample analysis sheet.

NINE - 70

Revision 0 Date September 1986

RADIATION RELEASE	RADIATION RELEASE
	Bidg. Med 4 dr. ling site Date 11-21-88
11 - 0 0	Released By Rich Brugarner
Operational Health Physics	Operational Health Physics
Remarks MW-4-	Remarks 4 rould be of
-12000 033 (00 mg)	3c+ 1. 100 K Leb. resta L 1 5 6K
54-3000-022 (09/88)	MW 7
	RADIATION RELEASE
RADIATION RELEASE	BLDG. DATE
Bldg. 1100 Ona pate 1/-10-89	
Released By M. Sulmaky II	RADIATION NO. ORING
Operational Health Physics	REMARKS:
Remarks MW-4-2	
54-3000-022 (09/88)	54-3000-022 (5 - 57)
RADIATION RELEASE	and the second s
HADIATION RELEASE	RADIATION RELEASE
BLDG. 1160-Acec DATE 11-15-89	BLDG. NIW - CO DATE 11/14/85
RELEASEDBY	RELEASED BY
RADIATION MONITORING	RADIATION MO
HEMAPIKS:	MATIL (Q
54-3000-022 (5—57)	54-3000-022 (5 - 57)
m 1-4	
RADIATION RELEASE MW-4	RADIATION RELEASE
Bldg. MW-4 drilling site Date 11-21-89	Bidg. MW (0 - La Date 11-21-89
Operational Health Physics	Released By C.D. July Operational Health Physics
Remarks _ Than Detectable	Remarks < Dotectable SAngle # mwb-4
sample sent to the hab 11-20-1914W-4	(Two) mas (4) MW-6-4A
Results. OK MW-1454-30001072 (09/88)	54-3000-022 (09/88)
	RADIATION RELEASE
	Drilling
	Released By C. D. File Date 11-21-17
	Operational Health Physics
	Remarks _ Pole table & small the

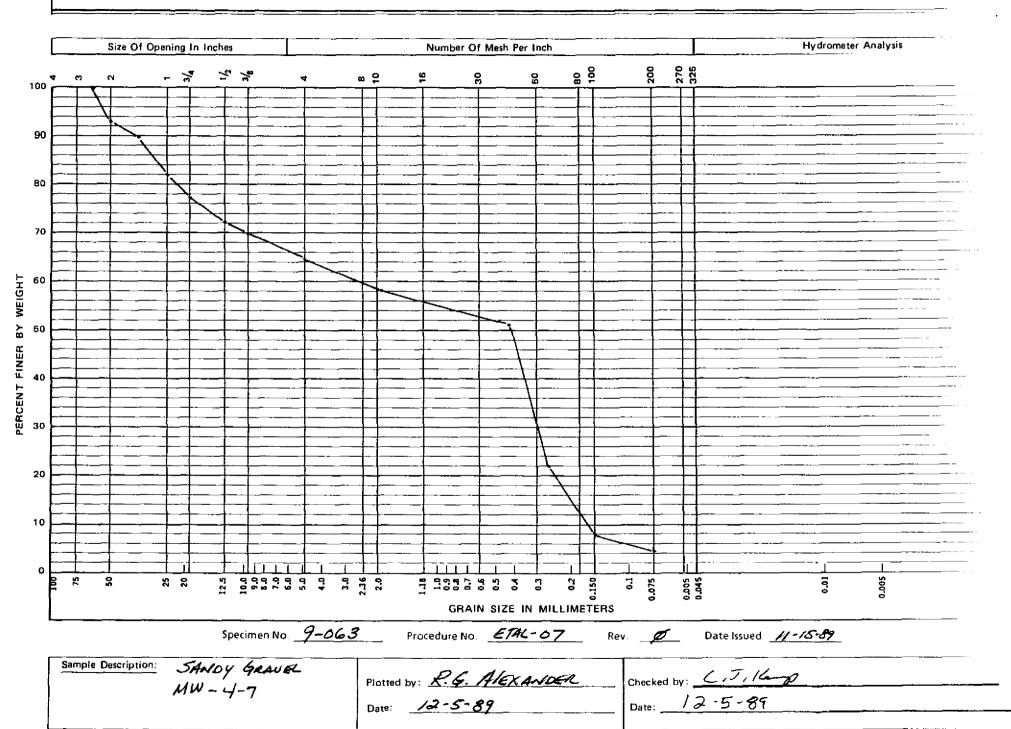
mw 6-4

TEST REQUEST FORM

Sample/Specime	n No. <u>9-043</u>	Cost Code/Work Order No. <u>ED3332</u>
Requested By:	Org. <u>80232</u>	Person J. LINOBERG Date 12-4-89
Test Requested	No. of Samples	Test Lab Information (Instruction Used)
SIEVE ANDLYSIS	<u> </u>	<u>ETAL-07</u>
HUDROMERER		ETAL-67 (IT REQUIRED)
NA	N/A	N/A
NA	N/A	4/A
	•	,
Remarks FIELD. MW-4-7	SAMPLE	Received By: RG Alexanoex Date 11-28-89
7010 701		Approved By: R. G Alexander Date 12-4-89

		\$	SIEVE ANAL	YSIS DATA			
	Sample	e ID <u>9-</u> 0	<i>963</i>		Page/	of _/	
[Tes	ted By_Z	RG Alexan	VOER D	ate 12-4-89	'	
	Pro	ocedure <u>£</u>	744-07 Re	v <u>Ø</u> 1)ate Issued <u>/</u>	1-15-59	
		EQUIPME: Balance	NT ITEM CAL	IBRATION N	12-28-	.89	
		Thermomet		0006 N/A	2-6-		
-		4//*		- N / N			
Sampl			SAMBY GRAV				nin)
		lby XX s	plitting A	quartering (A)	□ stockp	ile	
BEF	(B) ORE TE	est wt.	AFTER TE	ST WT. A	D D	,	T
Sieve ID Number	Sieve Size	Sample Weight	Cumulative Wt. Retained (g)	% Retained	Cumulative % Retained	Cumulative 2	% Pass
N/A	2	4431.76	305.67	6.9	6.9	93.1	93.1
	11/2		447.29	10.1	10.1	89.9	89.9
			800.72	181	18.1	81.9	81.9
	3/4		1015.55	22.9	12.9	77./	77.1
	1/2		1229.44	27.7	27.7	72.3	72.3
	3/8		1334.10	30.1	30.1	69.9	69.9
	#4	7	1572.45	35.5	35.5	64.5	64.5
	#10	4431.76		41.8	41.8	58.Z	58.z
	# 40	194.14		12.3	12.3	87.7	51.0
	#60		121.36	42.5	67.5	37.5	21.8
	# 100		168.47	86.8	86.8	13.2	7.7
₩ ₩	# 200	1	179.34	92.4	92.4	7.6	4.4
		Modules (FM	I) N/A	(See ASTM C 1	36-83, Section	8.2)	
MATERI	ALS FI	NER THAN	NO. 200 SIE	VE BY WASE			
C=Percen	tage of :	Material Pas	ssing a 200 Siev		Remar		110.11
		eight of San	_	N/A g	WAS	H TIME GIVE	LAIM AFG
E=Dry We	_	Sample Afte (D-E)/D> X		N/A g			
			URATELY ANI				ST
			AINED AND U	SED CALIBR	ATED INSTRU	MENTS 12-5-89	
1		-J		·			- i

A-6400-204(2-67)



SOIL MOISTURE DATA SHEET

PROCEDURE NO. <u>ETAL-14</u> REV. NO. <u>B</u>

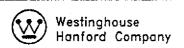
THERMOMETER NO. <u>6006</u> CALIBRATION DUE DATE <u>4-6-90</u>

SAMPLE NO.	WET WT. + CAN	DRY WT. + CAN	CAN WT.	WET WT. SOIL	DRY WT. SOIL	% WATER
9-663	5549.61	5015.76	584.00	4965.61	4431.76	62.0
				_		
	-					
<u></u>						
	٤.					
		_/				
						<u></u>
						
/		· · · · · · · · · · · · · · · · · · ·				
				[

ALL REQUIRED DATA ARE ACCURATELY AND COMPLETELY RECORDED. THE TEST OPERATOR WAS APPROPRIATELY TRAINED AND TEST PROCEDURES FOLLOWED TO PRODUCE THE ABOVE DATA

TEST OPERATOR: RG ALEXANDER

DATE 12-4-89



CHAIN OF CUSTODY

Company Contact: JW Lindbay		
Sample Collected by: Lindberg/Co	msort/Miller	Date: 11/9/89- 11/20/89 Time: Variable
	/ 1100-EM-1 CEI	
, '		/いりc= /ノ-306 -
Ice Chest No.: W/A	Field Lo	ogbook & Page No.: pages 1—6
Remarks: MW-4-4 already	sent for quic	k-turn-around siève analysis lection
		,
Bill of Lading No.: NA	Off Site	Property No.: N/A
Method of Shipment: Hand car		,
Shipped to: Jerry Alexande		a Physical Testing Lab
	Sample Identificat	tion
mw-H-1 plastic ba	45	
1944 1 - 4 1 1 1	95	
1/463 1 + 1 1 1 1	<u> </u>	
MW-4- 5 plastic be		
		
44.	<u> </u>	
MW-4-7 plastic b		-
	·	
		
		
CHAIN OF POSSESSION		
/	Received by://	Date/Time:
Relinquished by: Julindberg	RG Hedan	1/28/89 3:33
	•	•
(Refinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:
Relinquished by:	Received by:	Date/Time:
		FVR\071889

SAMPLING ANALYSIS REQUEST

Part I: Field Section		11-13-89	
Collector Miller Singleton	Date Sample	11-20-89 edT	ime Variablehours
Affiliation of Sampler WHC	and Golder A	550c,	
Address			
number street	•	t	ate zip
Telephone () le-5005	Company Contact	JW Lindberg	
LABORATORY SAMPLE COLLECTOR'S NUMBER SAMPLE NO. MW-4-6	TYPE OF SAMPLE*	· /11	ORMATION**
<u>μω-4-7</u> μω-6-1	" "	` '/,	drom.
mw-6-2	h • (Siève Anal	. /
Analysis Requested Moisture Go indicated in Field In	•	· · · · · · · · · · · · · · · · · · ·	ometer as
Special Handling and/or Storage			
PART II: LABORATORY SECTION**			
Received by	Title		Date
Analysis Required			
<pre>* Indicate whether sample is so **Use back of page for addition</pre>	il, sludge, etc. al information re	elative to samp	le location.

Figure 9-19. Example of hazardous waste sample analysis sheet.

NIME - 70

Revision <u>O</u> Date <u>September 1986</u>

RADIATION RELEASE	RADIATION RELEASE
1,	Bldg. Mad 4 drilling site Date 11-21-85
Bidg. 1100 augu Date 11-09-89 Released By Hall Bessel	Released By Rich Baugurus Operational Health Physics
Operational Health Physics	Remarks < Than detactable - Sample (11-3)
Remarks W-4-	all Mar Leb rester Lts OK
54-3000-022 (09/88)	MW-4-2000-022 (09/88)
RADIATION RELEASE	RADIATION RELEASE BLDG. DATE
Bldg. // 0 0 000, Date //-/0-89	RELEASED BY RADIATION NO ORING
Released By Operational Health Physics	REMARKS:
Remarks < D / company	Ma 6-1
54-3000-022 (09/88)	54-3000-022 (5 - 57)
RADIATION RELEASE	RADIATION RELEASE
BLDG. 1160-Area DATE 11-15-89	BLDG. NIW-6 DATE 11/14/85
RELEASEDBY	RELEASED BY
RADIATION MONITORING	RADIATION MOP
REMARKS: 11/00 4 5	M(1)-(2-2)
54-3000-022 (867)	54-3000-022 (5 - 57)
	n de la companya del companya del companya de la c
RADIATION RELEASE MW-4	RADIATION RELEASE
Bldg. MW-4 drilling side Date 11-21-79	Bidg. MW (2 -5/4 Date 11-21-89
Operational Health Physics	Released By C.D. July
Operational Health Physics Remarks - Than Detectable	Remarks < Dotectable SANGLE + MW6-4
sample sent to the had 11-20-19/1W-4	(Two) more s (4) MW-6-4A
Results: OK MW-154-3000 072 (09/88)	54-3000-022 (09/88)
· · · · · · · · · · · · · · · · · · ·	RADIATION RELEASE
	Bldg. Mwle sile Date 11-21-17
	Released By C. D. Filmer
	Remarks - Pole table on SAMPle Th
	mw6-4 My 1-113
	3000-022 (09/05)